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OFFICE TO ADDRESS OF THE DAUGUE OF THE O 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 6077-0022WOUS TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5 DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP03/00661 23 January 2003 (23.01.2003) 23 January 2002 (23.01.2002) TITLE OF INVENTION METHOD AND DEVICE FOR MONITORING A MASS FLOW IN A PNEUMATIC PIPELINE APPLICANT(S) FOR DO/EO/US PAUL WURTH S.A., et al Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. As been communicated by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. V An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. 🔽 An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. 🗸 A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. 19.  $\square$ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. Other items or information: 1. PCT/IB/304; 2. PCT/IB/308; 3. PCT/ISA/210; 4. PCT/IPEA/416; and 5. PCT/IPEA/409

| U.S. APAICOTON OF THE BEAT STEED TO INTERNATIONAL APPLICATION NO. PCT/EP03/00661   |  |                 |           | ATTORNEY'S DOCKET NUMBER 6077-0022WOUS |                         |              |  |
|--|--|-----------------|-----------|--|-------------------------|--------------|--|
| 21. The following fees are submitted:  |  |                 |           |  | CULATIONS               | PTO USE ONLY |  |
| BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):   |  |                 |           |  |                         |              |  |
| Neither internation nor international se and International S   | ial preliminary exa<br>earch fee (37 CFR<br>earch Report not p |                 |           |  |                         |              |  |
| International prelin<br>USPTO but Intern   | ninary examinatio<br>ational Search Rep                        |                 |           |  |                         |              |  |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00  |  |                 |           |  |                         |              |  |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00   |  |                 |           |  |                         |              |  |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00   |  |                 |           |  |                         | _            |  |
| ENTER APPROPRIATE BASIC FEE AMOUNT =   |  |                 |           |  | 20.00                   |              |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |  |                 |           |  | /*·                     |              |  |
| CLAIMS   | NUMBER FILE  | ED NUMBER EXTRA | RATE      | \$                                     |                         |              |  |
| Total claims   | 20 - 20  | = 0             | x \$18.00 | \$ 0                                   |                         |              |  |
| Independent claims   | 3 -3   |                 | x \$86.00 | \$ O                                   |                         |              |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$290.00   |  |                 |           |  |                         | <u> </u>     |  |
| TOTAL OF ABOVE CALCULATIONS =  |  |                 |           |  | 0.00                    | <b>_</b>     |  |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |  |                 |           |  |                         |              |  |
| SUBTOTAL =   |  |                 |           |  | 0.00                    |              |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |  |                 |           |  |                         |              |  |
| TOTAL NATIONAL FEE =   |  |                 |           |  | 0.00                    |              |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |  |                 |           |  |                         |              |  |
| TOTAL FEES ENCLOSED =  |  |                 |           |  | 20.00                   |              |  |
|  |  |                 |           |  | ount to be<br>refunded: | \$           |  |
|  |  |                 |           |  | charged:                | \$           |  |
| a. A check in the amount of \$ to cover the above fees is enclosed.  b. Please charge my Deposit Account No. 13-0235 in the amount of \$ 920.00 to cover the above fees. A duplicate copy of this sheet is enclosed.         |  |                 |           |  |                         |              |  |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-0235 . A duplicate copy of this sheet is enclosed.                         |  |                 |           |  |                         |              |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |  |                 |           |  |                         |              |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.                            |  |                 |           |  |                         |              |  |
| SEND ALL CORRESPONDENCE TO:  |  |                 |           |  |                         |              |  |
| McCORMICK, PAULDING & HUBER LLP  |  |                 |           |  |                         |              |  |
| CityPlace II, 185 Asylum Street  |  |                 |           |  | 1001110 500             |              |  |
| Hartford, Connecticut 06103-3402 NICHOLA NAME  |  |                 |           |  | AS J. TUCCILLO, ESQ.    |              |  |
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| . 44,322   |  |                 |           |  | A TION NI IMPER         |              |  |
| REGISTRATION NUMBER  |  |                 |           |  |                         |              |  |